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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

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PATENT APPLICATION: US/10/512,109 TIME: 12:05:29

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C--> 11 <141> CURRENT FILING DATE: 2004-10-21
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	gtcgttgcaa tgtttcg						240
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	gtcagttaca aaccaga						360
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RAW SEQUENCE LISTING DATE: 10/29/2004
PATENT APPLICATION: US/10/512,109 TIME: 12:05:29

Input Set : A:\38422A.txt

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	tttggagtg													720
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263	ctgcaataa	at taat	gacacc	tggat	gagga	a ggo	cgtg	cgct	gact	tcat	tg 1	ttcad	cccggg	840
265	atagtgcat	tg agcc	cactga	attag	agcto	g cti	tctad	ccag	caaa	aagto	gag (cagta	acacat	900
267	aggtgcate	gt ttga	aacatg	aatca	catag	gage	ctate	ggag	ttt	tgcca	aag 1	tgate	gtgttt	960
269	tcttttct	tt tttt	cttttt	ttttc	tttt	cti	tctti	tttt	ttc	ctttt	ct t	tctt	cttctt	1020
271	cttttttt	tt tttt	ttacta	tgcaa	agato	g gg	aaat	gcac	aaa	cttc	caa 🤉	gacat	gtctg	1080
273	aagaactt	ta caat	acttga	atttt	ttctt	taa	atcai	tccc	atca	acatt	ta 1	tggca	attgat	1140
275	gcttccatt	tg tatt	tttctt	ttgtc	ccttc	aa	cttca	aatg	gtti	tgtaa	att 1	tcaat	gcaca	1200
277	acctaact	tt tgtt	tgcagt	aactt	ccaat	cc1	tatt	ggct	gcci	tggaa	acg g	gagat	tctgt	1260
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	Met Glu I													
294			5		_	_	10		-			15		
296	ctg gtc g	gtc tgc	gcc co	ac 999	gac	ccc	gcc	agc	aaq	agc	cgq	agc	tgc	96
	Leu Val													
298		20		•	-	25			•		30		•	
300	agc gaa g	qtc cqc	caq at	c tac	qqq	qct	aaq	qqc	ttt	agc	ctq	aqc	gat	144
	Ser Glu													
302		35		-	40		-	-		45			-	
304	gtg ccc d	caq qca	gag at	c tcq	ggt	gag	cac	ctq	cqq	atc	tgc	CCC	caq	192
	Val Pro (
306	50			55	-				60		-			
308	ggc tac a	act tqc	tqt ad	c aqt	qaq	atq	qaq	qaq	aat	ttq	qcc	aac	cac	240
	Gly Tyr :													
310			70					75					80	
312	agc cga a	atq qaq	cta a	ag agc	qca	ctc	cat	qac	agc	agc	cac	qcc	ctq	288
	Ser Arg													
314	J -		85				90					95		
	cag gcc a	aca ctq		c caq	cta	cat		atc	gat	gac	cac	ttc	caq	336
	Gln Ala													
320		100				105	2				110			
	cgc ctg		gac to	a aaa	cac		cta	cao	qaq	act		cct	aaa	384
	Arg Leu I													
324	_	115	J.		120					125				
	gcc ttt g		cta ta	it acq		aac	act	cat	acc	-	caa	gac	cta	432
	Ala Phe													
J.,		or, mop			- 211			9	u		3			

RAW SEQUENCE LISTING DATE: 10/29/2004 PATENT APPLICATION: US/10/512,109 TIME: 12:05:29

Input Set : A:\38422A.txt

328		130					135					140					
	tat		gag	cta	cac	ctc		tac	cat	aaa	acc		cta	cac	ctt	gag	480
	Tyr			-					_							-	100
	145		014		•••• 9	150	-1-	-1-	****9	O. J	155					160	
	gag	acc	cta	acc	asa		taa	aca	مصغ	ata			cac	ctc	ttc		528
	Glu																520
336	Giu	1111	neu	AIA	165	FIIC	тър	AIA	Arg	170		Giu	Arg	пец	175	пуъ	
	cag	ata	a aa	999		ata	ata	aat	~a+		+ 2.0	ata	~ 3.4	+ ~ ~		~~~	576
	Gln	_			_	_	_		_	-		_	_	_	_		376
340	GIII	пеп	птэ	180	GIII	пеп	цец	PIO	185	Asp	тут	пеп	Asp	190	ьеu	GIY	
	aag	a=a	~~~		~~~	ata	~~~	000		~~ 2	ant.	~~~	aat		~~~	ata	624
	Lys																024
	ьуѕ	GIII	195	GIU	АТА	пеп	Arg	200	PHE	Gry	Asp	AIA	205	Arg	GIU	neu	
344	~~~	ata		~~~	200	aat	~~~		~+ ~	aat	~~~	aat			a+a	a 2 a	672
	cgc Arg	_		-		_	_			-	_	_				_	672
	Arg	210	Arg	Ата	TIIL	Arg	215	Pile	vai	АІА	Ala	220	ser	Pile .	vai	GIII	
348	~~~		~~+	ata	~~~	2 ~ +		a+ a	at a		224		~~~	a > a	at a	aat	720
	ggc																720
	Gly	ьeu	GIY	vai	Ala		Asp	vaı	vai	Arg	_	vai	Ата	GIII	vai		
	225					230	٠				235					240	760
	ctg	_		_	_			_		_	_	_	_		_	_	768
	Leu	Ата	PIO	GIU	_	ser	Arg	Ата	тте		гуѕ	ьeu	vai	TYL	_	Ala	
356					245					250	.				255		016
	cat	_			_	_		-			_		_		_	_	816
	His	Cys	Arg	_	vai	Pro	GIY	Ата	_	Pro	Cys	Pro	Asp	_	Cys	Arg	
360				260		.			265			~~~		270			964
	aat																864
	Asn	Val		ьуѕ	GIY	Cys	ьeu		ASII	GIII	Ala	Asp		Asp	Ата	GIU	
364			275	a+ a	a+ ~	~~~		280	~+~	a+ a		-	285	~	++-	+~~	912
	tgg																912
	Trp	290	ASII	ьeu	ьeu	ASD	295	Mec	Val	ьец	TTE	300	ASD	пув	Pne	пр	
368	~~~			~~+	~~~			~+~		~~~	~~+			~+~		a+~	960
	ggc Gly																360
	305	PLO	ser	Gry	мта	310	ser	vai	116	GIY	315	vai	птъ	vai	тър	320	
		~~~	~~~	2±4	224		ata	a24	~~~	224		<b>~</b> ~ ~	202	ata	202		1008
	gcg Ala																1008
376	AIA	GIU	AIA	116	325	нта	neu	GIII	Asp	330	пуѕ	Asp	1111	цец	335	AIa	
		~+ ~	- <b>-</b> -	~~~		-~-	~~~	224			~+~			<b>a</b> aa		+ a+	1056
	aag Lys																1036
380	пуъ	vai	TTE	340	Ата	Cys	GIY	MSII	345	цуъ	vai	ASII	PIO	350	Gry	Ser	
	~~~		~~~		224	aat	~~~	aat		222	++~	~~~	ata		~~~	226	1104
	999				_	_		_						_	_		1104
384	Gly	FIO	355	GIU	пåр	Arg	Arg	360	GIA	пур	neu	AId	365		GIU	пур	
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	CCC																1152
388	Pro	370	TIIL	GIA	TIIL	пец	375	пур	ьец	val	ser.	380	HIG	пур	HIG	3111	
	at-		~~~	a++	a > ~	~~~		+~~	a+ =	~~~	a+ -		~~~	262	at-	+~~	1200
	ctc																1200
	Leu	Arg	Asp	TIG	GIII	_	rne	ıτħ	TIE	Ser		PLO	GIA	TIIL	neu		
372	385					390					395					400	

 VERIFICATION SUMMARY
 DATE: 10/29/2004

 PATENT APPLICATION: US/10/512,109
 TIME: 12:05:30

Input Set : A:\38422A.txt

Output Set: N:\CRF4\10292004\J512109.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:2476 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30 L:2487 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31 L:2498 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32 L:2509 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33 L:2520 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34 L:2531 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35 L:2542 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36 L:2553 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37 L:2564 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38 L:2575 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39 L:2586 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40 L:2597 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41 L:2608 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42 L:2619 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43 L:2630 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44 L:2641 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45 L:2652 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46 L:2810 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49